

**Appendix B
Conversion Factors**

The following conversion factors are listed for convenience in converting a model from English units to the more accepted SI units.

Unit Type	To Convert From	To	Multiply by
Length	ft	m	3.048E-1
Area	ft ²	m ²	9.290E-2
Mass	lbm	kg	4.536E-1
Running Mass	lbm/ft	kg/m	1.488E+0
Section Area Moment	ft ⁴	m ⁴	8.631E-3
Section Mass Moment	lbm-ft ²	kg-m ²	4.214E-2
Force	lbf	N	4.448E+0
Torque	ft-lbf	N-m	1.356E+0
Modulus	lbf/ft ²	N/m ²	4.788E+1
Section Stiffness	lbf-ft ²	N-m ²	4.132E-1